



MeCaCorr 750

Chemical Resistant, Glass Flake, Epoxy Lining



DESCRIPTION

MeCaTec MeCaCorr 750 is one of the most advanced chemical immersion linings on the market. The polymer matrix is specifically designed to achieve wear and chemical resistance characteristics for the restoration and protection of metallic surfaces subjected to harsh corrosion and chemical attack. It provides outstanding chemical resistance allowing it to be used in a wide variety of environments including crude oil and sulphuric acid service.

This 100% solids, zero VOC, technology offers fast return to service and edge retentive properties. The coating system is designed for application versatility, it can be applied by brush, hot potted through a single component airless pump or applied through a heated 2:1 ratio plural component pump for maximum production throughput.

APPLICATIONS

- Penstock Lining
- Pipe Coating
- Petroleum Tanks
- Chemical Tanks
- Heat Exchangers

COVERAGE DATA

Theoretical coverage rate data

Kit Weight	Recommended Coating Thickness	Theoretical Coverage Rate
3.8 lb (1125 ml) (Cartridge)	30 mils (762 µm)	15.9 ft ² (1.48 m ²)
3.4 lb (1.5 kg)	30 mils (762 µm)	14.0 ft ² (1.30 m ²)
16.50 lb (7.5 kg)	30 mils (762 µm)	68.8 ft ² (6.39 m ²)
148.50 lb (67.5 kg)	30 mils (762 µm)	619.1 ft ² (57.51 m ²)

Practical Coverage = Theoretical Coverage - Waste Factor

COATING DRY FILM THICKNESS

Minimum thickness – 20 mils (508 µm)
Suggested thickness – 30 mils (762 µm)
High wear and chemical exposure – 40 mils (1 mm)

TECHNICAL DATA

Performance / Property		Results
Hardness	ASTM D2240	[Shore D] 84
Pull Off Adhesion	ASTM D4541	≥4000 psi (≥27.5 MPa)
X Cut Adhesion	ASTM D6677	Rating 10
Abrasion Resistance	ASTM D4060	≤ 40mg
Cathodic Disbondment	ASTM G95 1.5V for 28 days @ 175°F (80°C)	≤5mm (≤0.19 in)

PHYSICAL DATA

Color	White
Mix Ratio	2:1 by volume
Mix Ratio	1.88:1 by weight
Sag Resistance (25 mils / 635 µm)	No Sag
Pot Life (77°F / 25°C)	25 minutes
Low Temperature Application	>50°F (>10°C)
Max. Recoat Window (75°F / 24°C)	24 hrs
Percent Solids	100%
Odor	Slight to nil
Mixed Viscosity	54,000 mPa•s (cP)
Mixed Density	1.54 g/ml
Max. Operating Temp. - Wet Service	200°F (95°C)
Max. Operating Temp. - Dry Service	300°F (150°C)
Cure Time - Touch (77°F / 25°C)	2 hours
Cure Time - Handle (77°F / 25°C)	8 hours

Before applying this product, please refer to the Application Instructions.

PACKAGING

1125 ml / 0.3 gal / 1.7 kg / 3.8 lb Cartridge Tube
1 L / 0.3 gal / 1.5 kg / 3.4 lb Kit
4.9 L / 1.3 gal / 7.5 kg / 16.50 lb Kit
43.8 L / 11.6 gal / 67.5 kg / 148.50 lb Kit

Larger volume packaging for plural component spray is available upon request.

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